N-3-CYANOBENZYL-HETEROCYCLIC COMPOUND AND INSECTICIDE

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Abstract of JP 63287764 (A)

NEW MATERIAL:The compound of formula I [X is halogen, CN or alkyl; n is 0, 1 or 2; R is H or 1-4C alkyl; Y is N or CR<1> (R<1> is H, alkyl, haloalkyl, acyl or phenylthio); Z is NO2 or CN; T is 3-4 hetero-ring residues forming a 5-6-membered hetero-ring containing 1-3 hetero-atoms (O, S or >=1 N) together with adjacent C and N; said hetero-ring residue may have a substituent (halogen, 1-4C alkyl, 2-4C alkenyl or 2-4C alkynyl)]. EXAMPLE:1-(3-Cyanobenzyl)-2-nitromethylenimidazolidine USE:Insecticide. PREPARATION.The compound of formula IV which is one of the compound of formula I can be produced by reacting a compound of formula II (T<1> is T wherein the terminal constituent member of the bonded C-side terminal is hetero-atom (O, S or N) and the remaining residues are C] with a compound of formula III (R' is lower alkylbenzyl, etc.).